

Date : Jul.21,2021

Temperature increase of main components

Model: WBA75B

1. Conditions

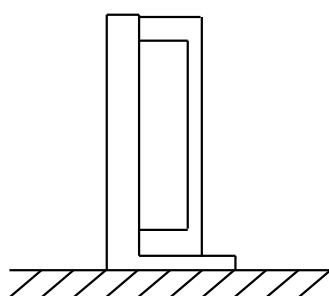
(1) Input : AC 170 ~ 305 [V]

(2) Output : Rated output

(3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			12V	24V	48V					
1	Line Filter	L101	46.5	47.2	42.2				130	
2	Rectifier(Input)	SS101	49.5	49.3	45.6				150	Junction Temp.
3	Input Capacitor	C109	34.7	34.2	29.5				105	
4	Switching Transistor	TR201	62.5	69.4	46.7				150	Junction Temp.
5	Transformer	T201	62.5	55.5	53.2				130	
6	Rectified Transistor(Output)	SS501	80.6	54.7	46.1				150	Junction Temp.
7	Output Capacitor	C505	43.2	32.3	28.7				105	
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(Side view)

Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.